



DRC GOLD DEVELOPMENT

ASX: VEC | VECTORRES.COM.AU

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Competent Person Statement: The information in this announcement that relates to Exploration Targets, Exploration Results and Mineral Inventory is based on information compiled by Mr Peter Stockman who is a full time employee of Stockman Geological Solutions Pty Ltd. Mr Stockman is a member of the Australasian Institute of Mining and Metallurgy. Stockman Geological Solutions is engaged by Vector Resources Ltd as a consultant geologist.

Mr Stockman has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Stockman consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

The New Evolution of Vector.....



- Vector achieves objective of an african gold focus with announced acquisition of DRC Gold Project - “Maniema”
- DD completed on Maniema acquisition
- Corporate and Project team built to specialise in African Gold Projects



- Vector completes acquisition of “Maniema Gold Project” and commences drilling
- Vector builds capable and experienced Executive and Technical teams
- Vector announces strategic alliance agreement with Sokimo for potential acquisition of 60-70% interest in Kibali South and Nizi Gold Projects (DRC)
- Vector announces HOA for purchase of 60% of Adidid-Kanga Gold Project (DRC)



- Conversion of Adidi-Kanga Mineral Resource to JORC 2012 compliance
- DD on Adidi-Kanga Completed – JV Documentation to be finalised by Feb 2018
- DD & commercial negotiations on Nizi/Kibali-South to be finalised by Feb 2018
- DFS on Adidi-Kanga and decision to mine by Q1 2019

Multiple Acquisitions Underway - 1

Adidi-Kanga Gold Project Near term production potential



Ituri Province, Democratic Republic of Congo
60% interest in PE5105



JORC 2012 Mineral Resource Estimate of 15.0Mt at
6.6g/t gold for 3.2 million ounces, including 46%
indicated category

“Adidi-Kanga is Vector’s opportunity to take a world class deposit into production in the very near term” – CEO, Simon Youds

* The Mineral Resource Estimate is reported in line with the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code) and is classified into the Indicated and Inferred categories.

Multiple Acquisitions Underway - 2

Kibali South Gold Project

Standalone mine capability sitting right next door to Africa's largest mine



Ituri Province, Democratic Republic of Congo
60-70% interest in PE13176/PE11467



Historic inferred mineral resource of inferred mineral resource of 28.1Mt at 1.63g/t gold for 1.47Mozs, quoted under the SAMREC code*

“Having been annexed by Randgold as a standalone deposit, we are keen to further explore the potential of this deposit” – CEO, Simon Youds

* These estimates are considered historic and are not reported in line with the JORC (2012) Code. A Competent Person has not done sufficient work to classify these estimates under the JORC (2012) Code. It is uncertain that following further work that the historic estimates will be able to be reported as mineral resource in accordance with the JORC (2012) Code. The Competent Person acknowledges that this mineral resource is historic.

Multiple Acquisitions Underway - 3

Nizi Gold Project

A combination of huge prospectivity with medium term production capabilities



Kilo Province, Democratic Republic of Congo
60-70% interest in PE5110



Baluma Gold Oxide Prospect at Nizi - Vector's
exploration target * for this project is 10.5 Mt at a
grade range of 0.8g/t to 3.1g/t for 271,000 oz to
1,052,000 oz *

“We need the market to appreciate the prospectivity of this project and historical and artisanal mining that has occurred in the area” – CEO, Simon Youds

* It is common practice for a company to comment on and discuss its exploration in terms of target size and type. The information relating to an Exploration Target should not be misunderstood or misconstrued as an estimate of Mineral Resources or Mineral Reserves. Hence the terms Resource (s) or Reserve(s) have not been used in this context. The potential quantity and grade is conceptual in nature, since there has been insufficient exploration to define a Mineral Resource. It is uncertain if further exploration will result in the determination of a Mineral Resource.

Our Existing DRC Gold Project

Maniema Gold Project

Under explored and highly prospective – potential small scale gold production



Maniema Province, Democratic Republic of Congo
70% interest in PE's 4792, 4801, 4803, 4804, 4805, 4806 and 4812



existing JORC (2012) Inferred Resource of 6.97MT
at 1.9g/t Au for 421,000oz and which remains
open along strike and at depth *

“We can not forget about our first venture in the DRC – our current drilling campaign will set up how we view this project and its potential for Vector” – CEO, Simon Youds

* The JORC (2012) Inferred Resource for Maniema Gold Project was released to the ASX on 17 January 2017. The Mineral Resource Estimate has been prepared in accordance with the guidelines of the JORC Code (2012 edition). The information in this presentation that relates to Mineral Resources has been compiled by Mr Peter Stockman. Mr Stockman has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person under JORC (2012). Mr Stockman consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

Our Investment in the DRC



Pictures Kibali Gold Mine (Randgold, Anglo Gold & SOKIMO JV)

A world class gold province which already hosts Africa's largest gold mine – the Kibali Gold Mine

Vector's team already in place to meet the challenges of the DRC

The Corporate Team

Jason Brewer - Executive Director

- M.Eng (ARSM) Hons, Master Mineral Law and Policy - 20 years international mining and finance and investment experience with Rothschild, Dresdner Kleinwort Benson, Investec, LinQ Resources Fund and Taurus Fund
- Extensive track record of advising African focused gold mining companies on financing new mine development and acquisitions including Resolute Mining's Syama Mine in Mali



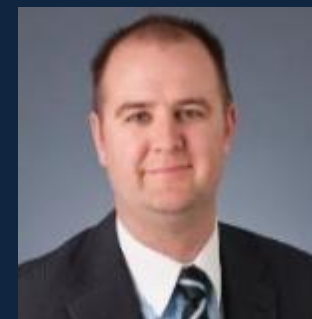
Simon Youds, Chief Executive Officer

- B.Eng (Hons), M.Bus - +20 years experience working in the mining industry in Africa, Asia and Australia
- Formerly CEO of African Iron in Republic of Congo and facilitated a A\$388m deal for its purchase by Exxaro Resources.
- Proven ability to manage the development of African gold mining projects from exploration to production (inc. Bibiani, Bulyanhulu and North Mara Gold Mines)



Andrew Steers, Chief Financial Officer & Company Secretary

- B.Comm (Hons), CA. ICAANZ - +15 years experience working in the mining and resource sectors in Australia and Africa with key previous CFO roles with IMX Resources Limited and Equatorial Resources Limited
- Former Group Finance Manager and Company Secretary of TSX listed Moto Goldmines Limited – primary asset the Kibali Gold Mine in the DRC, who facilitated the sale to Randgold Resources and Anglo for C\$490 million



Proven Technical Resources

Peter Stockman, Chief Geologist

- B.Geo, MasterApplied Geology, MAusIMM, MGSA
- Competent Person under JORC Code
- Significant African exposure - DRC, Tanzania, Ghana, Sierra Leone, Zambia and Rwanda
- Exploration, development and mining experience across more than 15 gold projects, including Wassa Gold Mine in Ghana and North Mara Gold mine in Tanzania



Chris O'Brien, Project Director

- B.Geo, Dip. Mining Eng, MBA
- Former Newmont Mining's Regional Project Director & Advisor for Mining & Projects
- Engineer with significant project study and delivery experience – large focus on gold projects



Frank Penna, Metallurgist

- B.Sc – Metallurgy & Chemistry
- +25 years experience in resources, specialising in gold plants and production
- Senior metallurgist and gold specialist at Tier One Global Consulting firm
- Responsible for numerous CIL gold plants around the world



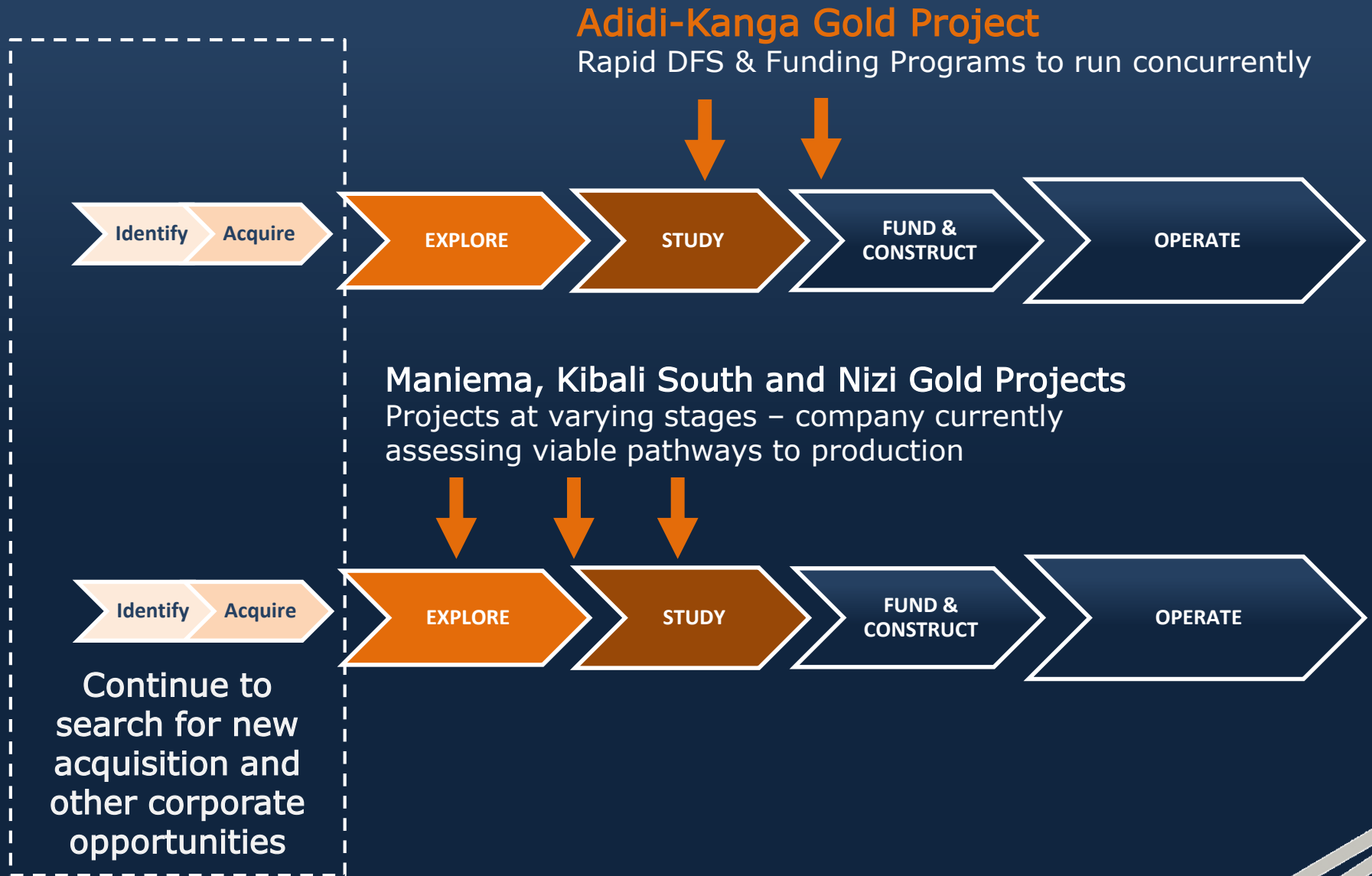
VECTOR'S PLANS

A SIGNIFICANT DRC GOLD PRODUCER

Rapid Advancement by Vector

1. Small capital raising to secure Sokimo and Adidi-Kanga Agreements
COMPLETED, raised A\$3.24m
2. Execution of Strategic Alliance Agreements with Sokimo
COMPLETED, ASX announcement 7 December 2017
3. Signing of HOA for purchase of Adidi-Kanga Gold Project
COMPLETED, ASX announcement 22 December 2017
4. Debt funding to secure initial purchase prices for Acquisitions
COMPLETED, US\$10m debt funding (US\$5m for Adidi-Kanga completion payment + US\$5m working capital)
5. Finalise legal / technical due diligence on Adidi-Kanga Gold Project – deal completion
DUE DILIGENCE COMPLETED, ASX announcement 15 January 2018
JV Agreements currently being finalised for execution by February 2018
6. Finalise legal / technical due diligence on Kibali South & Nizi Gold Projects – agree commercial terms
Currently underway, finalised expected by end of February 2018

Path to Production

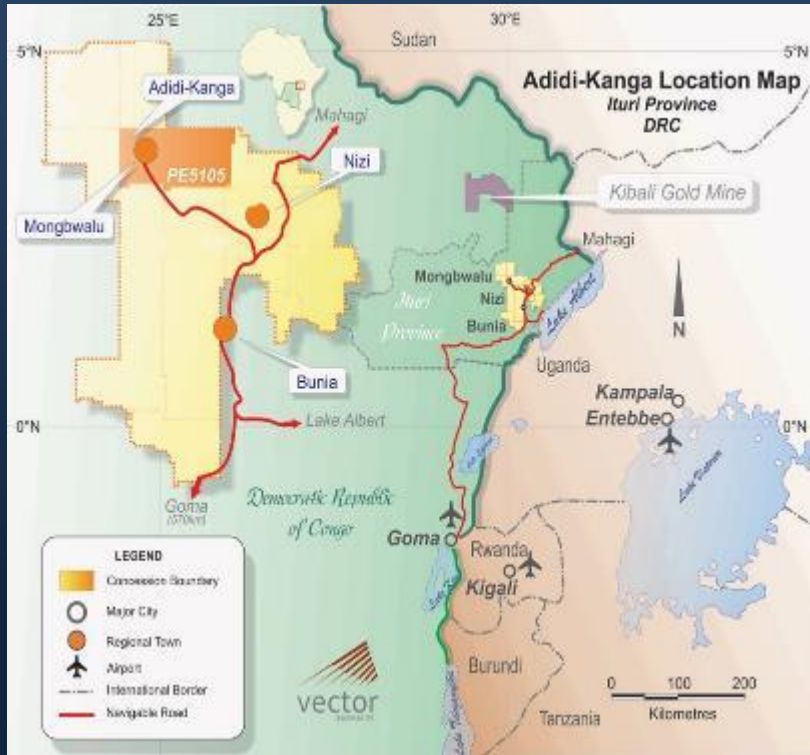


Overview

Adidi-Kanga Gold Project

(part of the Mongbwablu assets)

Adidi-Kanga Gold Project



VEC interest: **60%**
Location: **Ituri Province, DRC**
Licences: **PE5105**

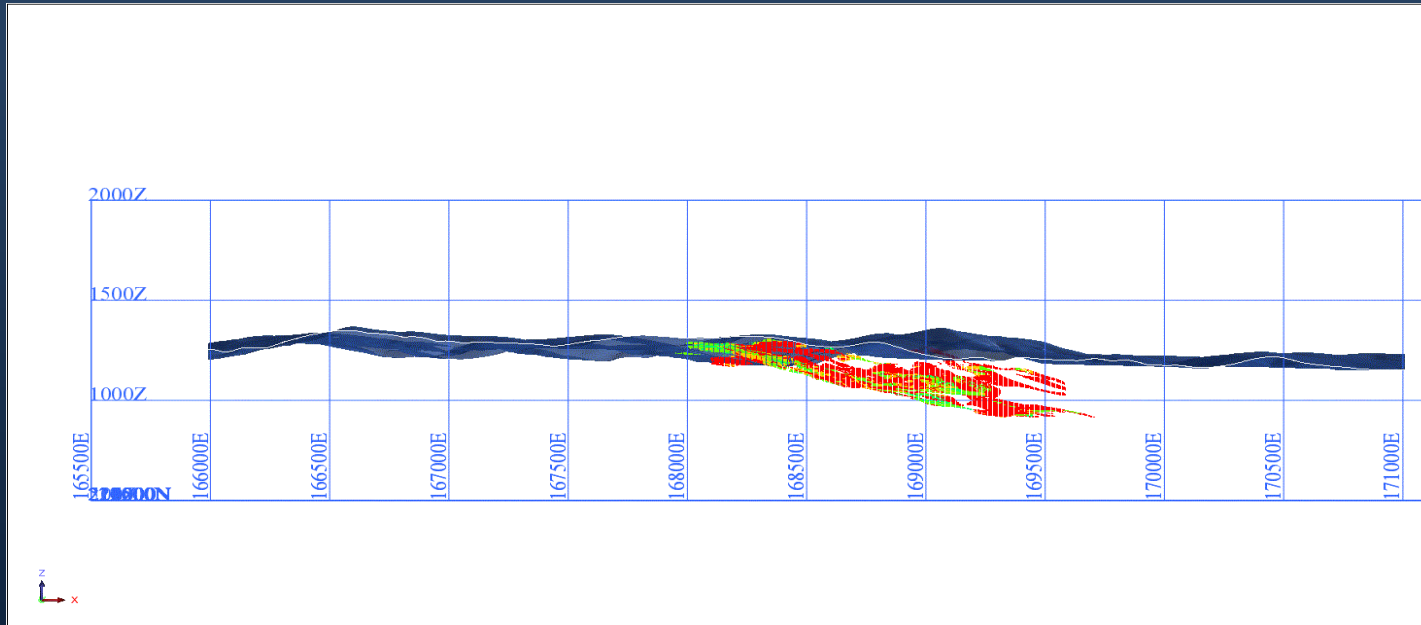
- HOA executed to purchase a 60% interest in the world-class Adidi-Kanga Gold Mine - part of Mongbwalu Gold Project
- Previously owned by AngloGold Ashanti, who between 2005 and 2013 completed significant exploration and development activities, including 173,276m of diamond and RC drilling, completed a Feasibility Study for the development of the Adidi-Kanga Mine and commenced initial mine construction activities with the purchase and delivery to site of 70% of the mechanical equipment proposed to be installed under the Feasibility Study
- The Adidi-Kanga Mine has an existing indicated and inferred mineral resource of 15.0Mt at 6.6g/t gold for 3.2 million ounces – JORC (2012) *
- Vector's technical team has successfully completed acquisition due diligence and acquisition now advancing to documentation and completion (expected Feb 2018)

* The Mineral Resource Estimate is reported in line with the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code) and is classified into the Indicated and Inferred categories.

Adidi-Kanga Gold Project

- Located on a granted Mining Lease (PE5105) – 84km north-west of the local town of Bunia
Note is 130km of Kibali South Gold Project and 43km from Nizi Gold Project
 - Vector to acquire 60% interest, with local partners Fimosa Capital and Sokimo to hold 26.2% and 13.8% respectively
- 
- Between 2005 and 2013, AngloGold Ashanti drilled over 432 RC holes for 52,994m and 572 diamond holes for 119,278m. Drilling was completed on a 25m x 50m spacing and up to a 200m x 200m spacing across the broader licenses area
 - AngloGold Ashanti completed a Feasibility Study on the proposed development of the Adidi-Kanga Mine as an open cut and underground operation of gold per annum over an estimated mine life of 10 years
 - Development and construction activities commenced on site in 2012 with 70% of the mechanical equipment required for the first process module purchased and delivered to site and operations camp (US\$70m estimate) *Vector technical team has confirmed acceptable condition & security of equipment
 - In addition, Environmental and Social Impact Assessments were also completed and approved for the proposed mine development * Vector technical team has confirmed financial guarantee's already in place

Adidi-Kanga Gold Project

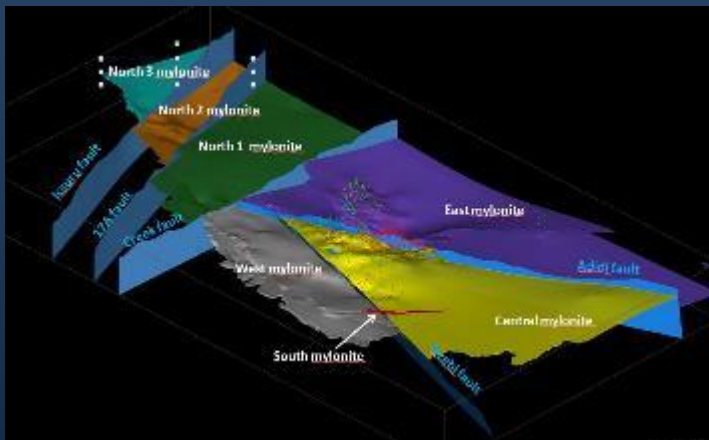


Section facing North through 216000N – Adidi-Kanga Mineral Resource Block Model/Topography respectively

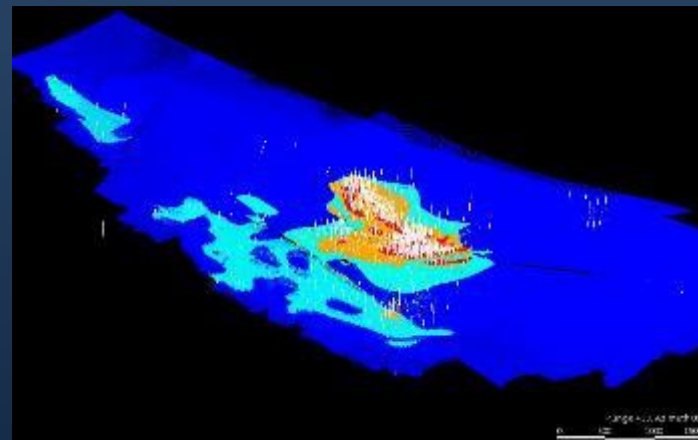
- The Project is located in the Kilo Archaean granite-greenstone belt
- The rocks have undergone regional metamorphism, ranging from upper greenschist to lower amphibolite facies and the gold mineralisation is hosted in anastomosing mylonite bodies of around 10-15 metres in width
- These mylonite bodies have been subdivided into three main blocks - the fault blocks are termed the Western, Central and Eastern blocks – hosting the Nzebi, Adidi and Kanga mylonites respectively

Adidi-Kanga Gold Project

Structural Model



Block Resource Model



- The exploration and resource definition and estimation work completed by AngloGold Ashanti between 2005 and 2013 and resulted in Anglo quoting a Mineral Resource Estimate under the SAMREC Code. **Vector has since completed a verification and conversion of the Mineral Resource Estimate to JORC 2012**
- The JORC 2012 Mineral Resource Estimate * for the Project has been calculated at 15.0Mt at an average grade of 6.6g/t of gold for 3.2 million ounces
- Of this 6.9Mt at 6.74g/t for gold of 1.5 million ounces is in the Indicated Category and 8.1Mt at 6.6g/t for gold of 1.7 million ounces is in the Inferred Category.

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Adidi-Kanga Gold Project

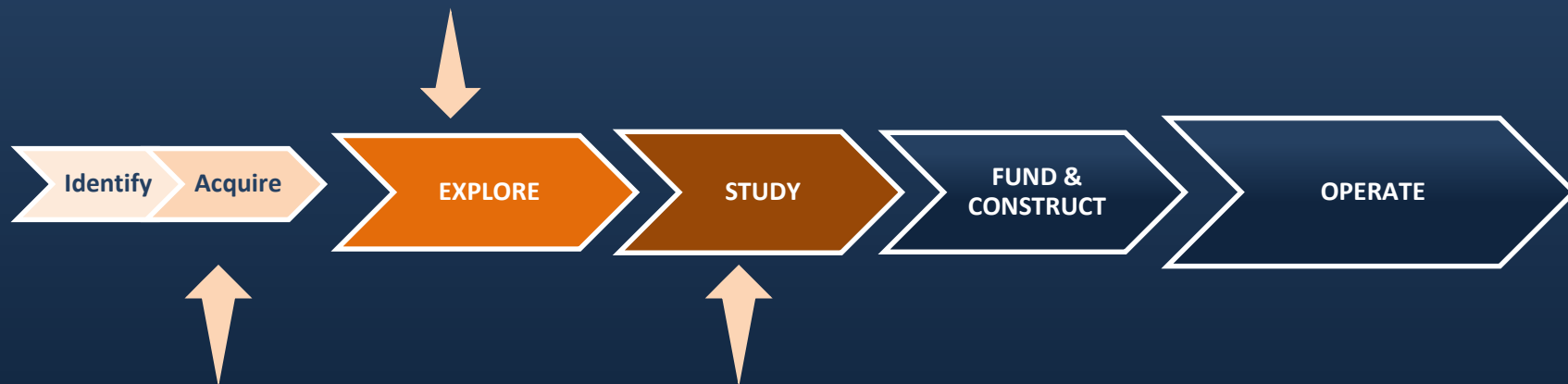
- Vector confirmed technical and in-country legal due diligence on project – to advance to JV documentation (ASX Release – 15 January 2018)
- Vector's technical due diligence review of the geological and resource database has identified the opportunity to:
 - Convert Mineral Resource Estimate to JORC (2012) - **NOW COMPLETE**; and
 - Incorporate additional areas of mineralisation and re-estimation and re-wireframing of model
- Vector's **Exploration Target** (in addition to the JORC (2012) Mineral Resource) - between 16Mt and 27Mt at an average grade range of 4.7g/t to 7.8g/t of gold for **4.7Mozs** to **6.8Mozs** of contained gold in a zone extending up to 4km along strike with multiple shallow dipping veins and 400-600m in width



The information relating to an Exploration Target should not be misunderstood or misconstrued as an estimate of Mineral Resources or Mineral Reserves. Hence the terms Resource (s) or Reserve(s) have not been used in this context. The potential quantity and grade is conceptual in nature, since there has been insufficient exploration in this section of the mineralisation to define a Mineral Resource. It is uncertain if further exploration will result in the determination of a Mineral Resource from these areas.

Adidi-Kanga's Pathway to Production

- DFS level drilling completed
- Focus on further resource expansion



- Technical DD Complete
- JV & Transaction Documentation to be completed by Feb 2018

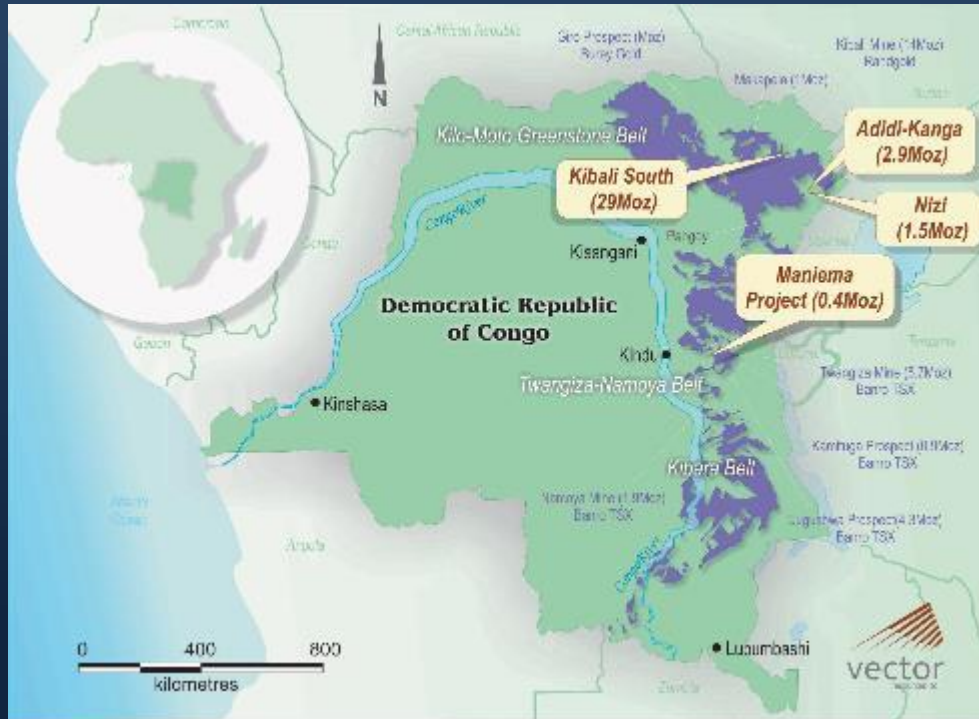
- EIAS Completed
- DFS & decision to mine - 12 months, due Q1 2019

- Electrical/Mechanical assessment of US\$70m (cost) mechanical mine equipment at site



Overview Maniema Gold Project

The Maniema Gold Project



Geological Setting:

- Located in world renowned and Twangiza-Namoya Gold corridor and in northern part of Kibaran Gold Belt

Key Prospects:

- Kabotshome (currently drilling)
JORC Resource 0.4 Moz's
- Mitunda
- West Namoya
- Lukele **new discovery 2017*
- Eveche **new discovery 2017*

VEC interest: 70%

Location: Maniema Province, DRC

Licences: PE's 4792, 4801, 4803, 4804, 4805, 4806 and 4812

The Maniema Gold Project

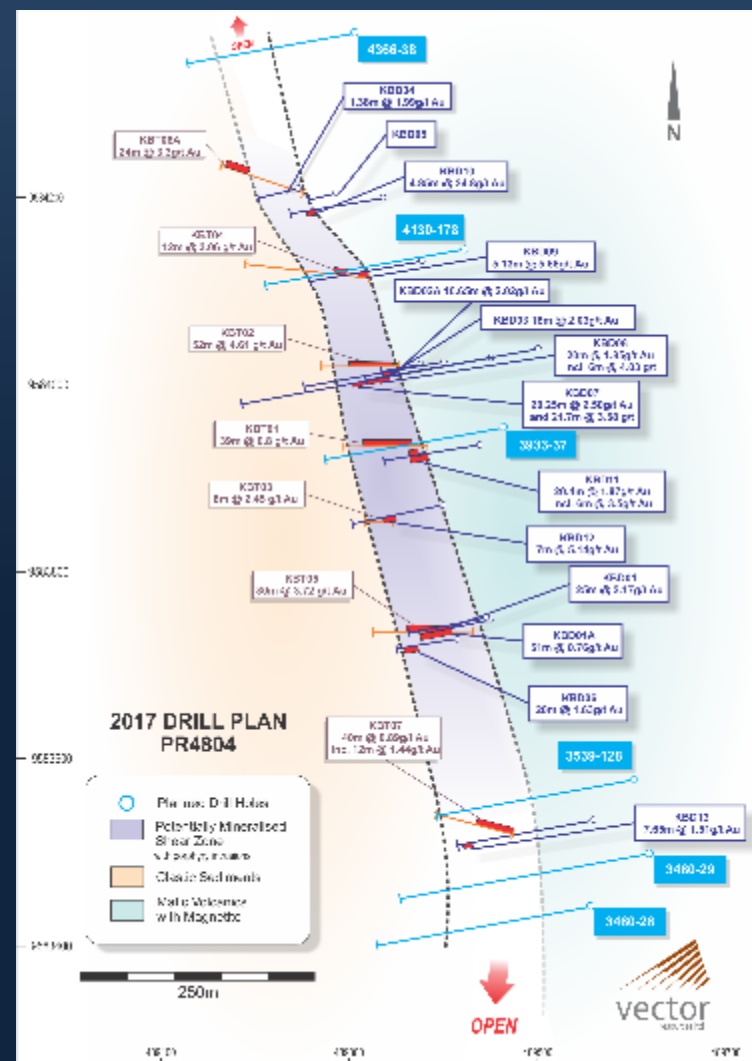


- Activities concentrated on drilling at Kabotshome – currently underway by African Drilling Limited (ADL)
- Heavy artisanal mining in area – assisted in locating two new prospects – **Eveche** (ASX announcement - 6.9.2017) and **Lukele** (ASX announcement – 29.9.2017)
- Mingana Camp & Facilities built and operational – well positioned among key gold prospects
- Local airstrip re-established and charter flights now available

The Kabotshome Deposit

Drilling is underway:

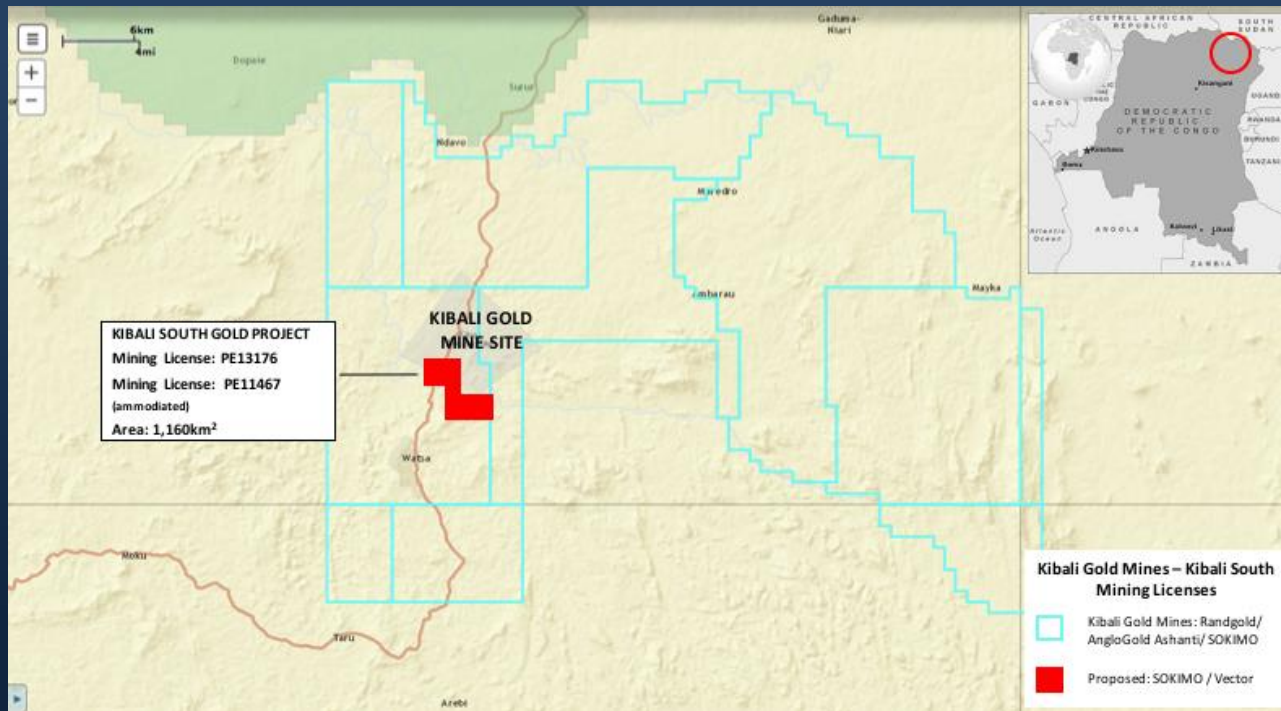
- 4,000m drilling program with ADL
- First 6 holes to concentrate on Kabotshome
- Part of in-fill and extensional program around the existing JORC Inferred Resource of 6.97MT at 1.9g/t Au for 421,000oz and which remains open along strike and at depth
- Extensions to gold mineralisation at depth (north and south) planned as part of drilling – to test twin thick high grade mineralization at diamond hole KBD07
- KBD07 previously reported grade intercepts of 20.25m at 2.5g/t (from 319m) include 8m at 4.03g/t and 21.7m at 3.58g/t (from 354m) including 5.7m at 8.74g/t



Overview

Kibali South Gold Project

Kibali South Gold Project



- Two agreements signed with state-owned company Société Minière de Kilo Moto (“SOKIMO”) to finalise joint venture agreements for its 100% owned Kibali South and Nizi Gold Projects located in the Ituri and Haut Uele Provinces of the Democratic Republic of Congo
- The Kibali South Gold Project has an existing inferred mineral resource of 28.1Mt at 1.63g/t gold for 1.47Mozs, quoted under the SAMREC code*

VEC interest: 60-70%

Location: Ituri Province, DRC

Licences: PE13176 and PE11467

* These estimates are considered historical and are not reported in line with the JORC (2012) Code. A Competent Person has not done sufficient work to classify these estimates under the JORC (2012) Code. It is uncertain that following further work that the historical estimates will be able to be reported as mineral resource in accordance with the JORC (2012) Code. The Competent Person acknowledges that this mineral resource is historical.

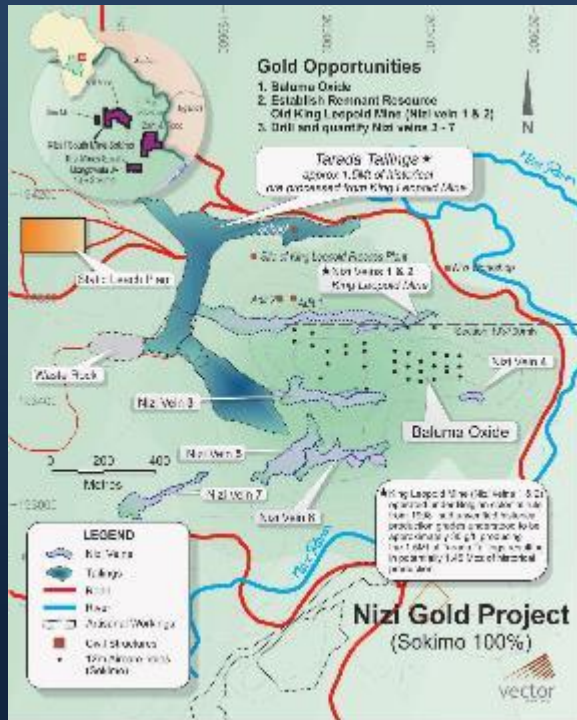
Kibali South Gold Project



- The Kibali South Gold Project is located adjacent to and within the world-class Kibali Gold Mine (Randgold, Anglo Gold & Sokimo JV)
- The Kibali Gold Mine is Africa's largest producing gold mine, developed at a total capital cost of approx. US\$2.5billion, with currently over 27Mozs of gold resources and operated by Randgold Resources under joint venture with AngloGold Ashanti and Sokimo
- Kibali South was returned to Sokimo under a *Contract d'Assistance Technique et Financiere* (Kibali Goldmines must locate, drill and return to SOKIMO new deposits that may be mined economically by them)
- Sokimo has received an amodiation from Kibali Goldmines in respect to the portion of PE11467 (one of the main Mining Licenses that makes up the Kibali Gold Mine) that holds the balance of the Kibali South Gold Project - this is the basis under which part of PE11467 has been "carved-out" and provided to SOKIMO and will now form part of the proposed joint venture with Vector.
- Company's technical management and members of the Board have already completed a positive technical site visit and preliminary due diligence review and held successful meetings with SOKIMO to discuss ways to ensure a responsible and accelerated development timetable of the two gold projects

Overview Nizi Gold Project

Nizi Gold Project



- Part of agreement signed with state-owned company Société Minière de Kilo Moto ("SOKIMO") to finalise a joint venture agreement for its 100% owned **Nizi Gold Project** located in the Kilo Province of the DRC
- The Nizi Gold Project comprises several identified gold prospects including the Baluma Gold Oxide Project and King Leopold Gold Mine and is located 120km south east of the Kibali South Gold Project
- Historical production of up to 1.45Moz of gold reported to have been produced from the King Leopold Gold Mine during the 1900's at grades reported to be approximately 30g/t
- Includes the Baluma Gold Oxide Project, partially defined by Sokimo – Vector's **exploration target *** for this project is 10.5 Mt at a grade range of 0.8g/t to 3.1g/t for 271,000 oz to 1,052,000 oz
- Final due diligence and joint venture negotiations to be completed over next 90 days with completion of all outstanding commercial terms and conditions to be satisfied

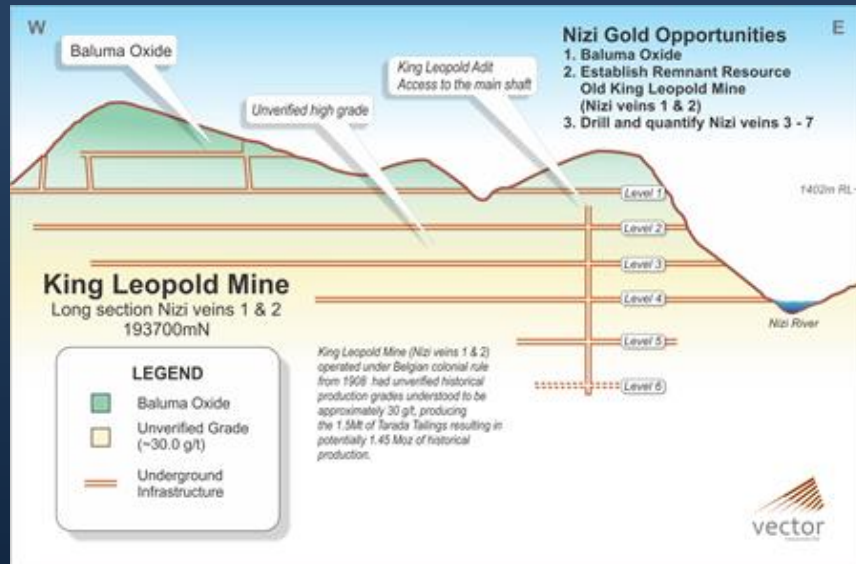
VEC interest: **60-70%**

Location: **Kilo Province, DRC**

Licences: **PE5110**

* It is common practice for a company to comment on and discuss its exploration in terms of target size and type. The information relating to an Exploration Target should not be misunderstood or misconstrued as an estimate of Mineral Resources or Mineral Reserves. Hence the terms Resource (s) or Reserve(s) have not been used in this context. The potential quantity and grade is conceptual in nature, since there has been insufficient exploration to define a Mineral Resource. It is uncertain if further exploration will result in the determination of a Mineral Resource.

Nizi Gold Project



- Whilst the Company has been able to establish and report an Exploration Target (previous slide) for the Baluma Gold Oxide Project, an estimation of the potential from the remanent mineralisation at the King Leopold Gold Mine and Veins 3-7 has not been possible at this stage and will require geological investigation
 - Access to more detailed geological and project data will enable the establishment of a project development plan for the various gold opportunities represented by the Nizi Gold Project
-
- The license area is the site of the previously operated King Leopold Mine, that was mined during Belgium colonial times and operated between 1908 to the 1960's
 - Historical records of production from the area are considered unreliable, however the existence of approx. 1.5Mt of gold tailings on the licenses, the Tarada Tailings, (which are currently the subject of retreatment and have been surveyed, drilled and assayed by SOKIMO) and ad hoc production reports of material being treated with approx. 30g/t head grade indicate production of up to 1.45Moz's may have been extracted during the period of operation of the King Leopold Gold Mine
 - In addition to the King Leopold Gold Mine several other gold prospects have been identified on the Nizi Gold Project License

Contact Details

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